

Rush

GIS

7061507

Auditor

(9)

## INTRODUCTION

This document is an amendment to the contract between Rush County, Indiana, and The Sidwell Company, dated December 17, 2001, for Professional Aerial Photography, Digital Orthophotography and GIS Services.

## OVERVIEW

Rush County, Indiana entered into a contract in December 2001 with The Sidwell Company for research, design, and development of a contiguous digital cadastral-based geographic information system. Services include aerial photography, digital orthophotography, cadastral data compilation and database production, topological data structuring, new permanent parcel numbering, GIS integration with the tax cycle system, plotting routines, training and technical support services.

The purpose of this contract amendment is to add new data layers to the countywide GIS by converting Rush County's flood maps and zoning maps to digital form to overlay the cadastral base map.

## Contract Amendment

## SCOPE OF SERVICES

### *Sidwell Responsibilities*

The Sidwell Company will utilize paper prints of the FEMA FIRM flood plain maps and Rush County's zoning maps. Sidwell will be responsible to provide the following professional GIS services and deliveries to Rush County:

### FLOOD MAPS

- Digital data conversion of flood plain boundaries from the eight (8) FEMA FIRM map panels that cover Rush County to overlay the GIS cadastral base map. There are six (6) panels covering Rush County plus two (2) panels covering Rushville and Carthage.
- Each flood zone will be topologically structured as a polygon and designated as a flood plain area or a flood zone with appropriate attributes as available.
- Digital data delivery in MicroStation .dgn format and ESRI shapefile format.

### ZONING MAPS

- Interpretation of the Rush County zoning maps and digital data conversion to best match and overlay the GIS cadastral base map.
- Adjustment of flood plain boundaries as shown on the zoning maps to match the flood plain boundaries on the FEMA FIRM maps.
- Any zoning areas that do not coincide with the current parcels will be questioned and sent to the County Plan Director for clarification.
- Compiled flood zone and zoning map data will be provided to the County Plan Director for proofing and quality control prior to final production.
- Each zoning area will be topologically structured as a polygon and attributed with its zone designation as available.
- Digital data delivery in MicroStation .dgn format and ESRI shapefile format.



Contract  
Amendment

Sidwell will provide one license of ESRI ArcView 8.x software, software installation on the County Plan Director's computer, flood map and zoning map data installation, and an overview of the software and data deliveries. All necessary hardware will be in place and fully operational as requested by Sidwell's staff.

***Rush County Responsibilities***

- Provide paper prints of the eight (8) FEMA FIRM map panels that cover Rush County.
- Provide paper prints of all Rush County Zoning Maps.
- Review and clarification of zoning questions sent to the Rush County Area Plan Director within 10 business days.
- Final proofing review of flood zone and zoning map data sent to the Rush County Area Plan Director within 15 business days.

**PROJECT TIMELINE AND COST ESTIMATES**

Completion of the digital conversion of the Rush County Flood Maps and Zoning Maps is dependent upon completion of the countywide cadastral base map which will serve as the foundation for this project. It is anticipated that the countywide cadastral base will be completed, ahead of schedule, before the end of 2004. Therefore, Sidwell plans to complete the Flood Map and Zoning Map conversion project by the end of calendar year 2004.

The Flood Map and Zoning Map conversion project will be performed as professional services with a not to exceed figure of \$12,000.00 plus 1 license of ArcView 8.x for \$1,225.00. Our fees will be based on actual labor hours, expenses and direct costs incurred. Labor fees will be computed based on the following hourly rates:

On-Site Labor: .....\$ 150.00  
 In-House Labor: .....\$ 130.00  
 Travel Time:.....\$ 85.00

On-site travel expenses will be computed based on a \$ 150.00 per day, per person rate.

**INVOICING POLICY**

Rush County will be invoiced only for the services provided, even if this total is less than the total amount of this contract. We will not exceed the contract amount without written permission from the County.

CONTRACT AMENDMENT

This Contract Amendment as heretofore described and governed by the laws of the State of Indiana, made and entered into on this 1<sup>st</sup> day of March, 2004.

THE SIDWELL COMPANY

By Neal Carpenter  
Neal Carpenter, Executive Vice President

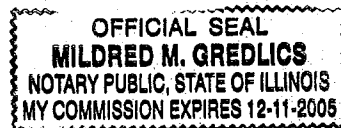
RUSH COUNTY, INDIANA

By Dwight Sweet  
Dwight Sweet, President of Commissioners

NEAL CARPENTER personally appeared and signed before me as an officer and agent of said corporation this

By Janet Kile  
Janet Kile, Commissioner

23<sup>rd</sup> day of February, 2004



By Marvin Cole  
Marvin Cole, Commissioner

Contract  
Amendment

Notary

Mildred M. Gredlics

Attest

By Mary Ann Beard  
Mary Ann Beard, Auditor

3

